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March 26, 2008

ATTN: Certificate of Corrections Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Patent No.: 7,344,268

Dated: March 18, 2008

For: LONG-RANGE, HANDHELD ILLUMINATION SYSTEM

Our Ref.: Xenonics-8

Dear Sir:

Enclosed please find a Certificate of Correction for a mistake found on Claim 9, line 21 of the issued patent. Claim 9, line 21 incorrectly recites a term "cower" instead of the correct term "power." Appropriate correction is requested.

Pursuant to <u>37 CFR 1.322</u>, no fees are believed due and owing. However, the Commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 50-3208.

Respectfully submitted,

Edward J. Howard Reg. No. 42,670

EJH/sjq Enclosure

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structure, material or acts beyond the scope of the commonly defined meanings. Thus if an element can be understood in the context of this specification as including more than one meaning, then its use in a claim must be understood as being generic to all possible meanings supported by the specification and by the word itself.

The definitions of the words or elements of the following claims are, therefore, defined in this specification to include not only the combination of elements which are literally set forth, but all equivalent structure, material or acts for 10 performing substantially the same function in substantially the same way to obtain substantially the same result. In this sense it is therefore contemplated that an equivalent substitution of two or more elements may be made for any one of the elements in the claims below or that a single element 15 may be substituted for two or more elements in a claim. Although elements may be described above as acting in certain combinations and even initially claimed as such, it is to be expressly understood that one or more elements from a claimed combination can in some cases be excised from 20 the combination and that the claimed combination may be directed to a subcombination or variation of a subcombina-

Insubstantial changes from the claimed subject matter as viewed by a person with ordinary skill in the art, now known 25 or later devised, are expressly contemplated as being equivalently within the scope of the claims. Therefore, obvious substitutions now or later known to one with ordinary skill in the art are defined to be within the scope of the defined elements.

The claims are thus to be understood to include what is specifically illustrated and described above, what is conceptually equivalent, what can be obviously substituted and also what essentially incorporates the essential idea of the invention.

I claim:

- 1. A handheld searchlight having an elongated housing and a lamp for efficiently producing a high intensity beam of light output of the housing forward of the lamp, comprising: a printed circuit board within the housing and having a first surface and a second surface opposite said first surface, and including circuitry to regulate and control power supplied to the lamp; and a heat sink mounted onto a portion of said first surface of said circuit board, the heat sink also coupled to the housing at least rearward of the lamp to dissipate heat 45 generated by the printed circuit board, wherein the lamp is one of an arc lamp, incandescent lamp, and plasma lamp.
- 2. The handheld searchlight of claim 1, wherein the heat sink is formed from extruded aluminum material.
- 3. The handheld searchlight of claim 1, wherein the 50 housing is made from extruded aluminum material for optimum heat transfer characteristics.
- 4. The handheld searchlight of claim 1, further comprising a battery contained within the housing and electrically connected to the printed circuit board, wherein the battery 55 supplies power to the handheld searchlight.
- 5. The handheld searchlight of claim 4 wherein the battery has a first end and a second end and one or more elongated sides, and wherein the battery has electrical contacts located alternatively on one of the first end or the second end or one 60 of the elongated sides.
- 6. The handheld searchlight of claim 1 wherein the housing has a knurled surface to facilitate handling of the handheld searchlight by a user.

- 7. The handheld searchlight of claim 1, wherein the lamp is one of a mercury arc lamp, xenon arc lamp, metal halide arc lamp, and halogen arc lamp.
- 8. The searchlight of claim 1, further comprising a reflector disposed about the lamp to reflect light generated by the lamp.
- 9. A handheld searchlight having a lamp for efficiently producing a high intensity beam of light comprising: a printed circuit board having a first surface and a second surface opposite said first surface, and including circuitry to regulate and control power supplied to the lamp; a housing to contain the printed circuit board; and a heat sink mounted onto a portion of said first surface of said circuit board, the heat sink also coupled to the housing to dissipate heat generated by the printed circuit board, wherein the lamp is one of an arc lamp, incandescent lamp, and plasma lamp, further comprising a battery contained within the housing and electrically connected to the printed circuit board, wherein the battery supplies cower to the handheld searchlight wherein the battery has a first end and a second end and one or more elongated sides, and wherein the battery has electrical contacts located alternatively on one of the first end or the second end or one of the elongated sides, wherein the electrical contacts are sliding contacts.
- 10. A handheld searchlight having a lamp for efficiently producing a high intensity beam of light comprising: a printed circuit board having a first surface and a second surface opposite said first surface, and including circuitry to regulate and control power supplied to the lamp; a housing to contain the printed circuit board; a heat sink coupled to the printed circuit board, the heat sink also coupled to the housing to dissipate heat generated by the printed circuit board; a battery contained within the housing and electrically connected to the printed circuit board for supplying power to the handheld searchlight, the battery having a first end and a second end and one or more elongated sides, wherein the battery has sliding electrical contacts located alternatively on one of the first end or the second end or one of the elongated sides.
- 11. A handheld searchlight having an elongated housing and a lamp for efficiently producing a high intensity beam of light output of the housing forward of the lamp, comprising: a printed circuit board extending longitudinally within the housing and having a first surface and a second surface opposite said first surface, and including circuitry to regulate and control power supplied to the lamp; a heat sink mounted onto a portion of said first surface of said circuit board, the heat sink also coupled to the housing to dissipate heat generated by the printed circuit board, and a battery to furnish power electrically coupled to said printed circuit board and located intermediate said second surface of said printed circuit board and an interior surface of said housing, wherein the lamp is one of an arc lamp, incandescent lamp, and plasma lamp.
- 12. The searchlight of claim 11, wherein printed circuit board extends longitudinally rearward of the lamp and said heat sink is coupled to the housing rearward of the lamp.

power

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

CERTIFICATE OF CORRECTION
Page <u>1</u> of <u>1</u>
PATENT NO. : 7,344,268
APPLICATION NO.: 10/614,635
ISSUE DATE : March 18, 2008
INVENTOR(S) : Gregory Z. Jigamian
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:
Claim 9, line 21 term "cower" should be changed topower

MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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